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# PATENT ABSTRACTS OF JAPAN

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(30) Priority:	(71) Applicant: <b>TORAY IND INC</b> <b>TORAY MEDICAL KK</b>
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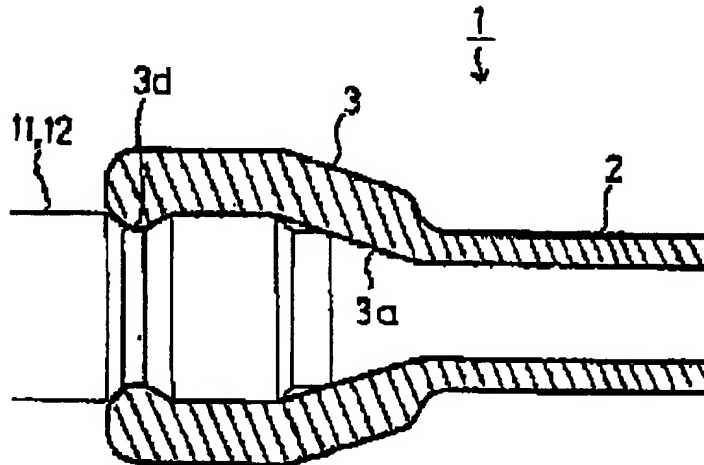
## (54) CONNECTOR FOR DIALYZER AND DIALYZER

(57) Abstract:

### PROBLEM TO BE SOLVED:

To prevent a dialyzate from being retained during the operation of a dialysis system by configuring a dialyzate supply hose and the inner face of a dialyzer connection part of a smooth curve and and a smooth straight line.

**SOLUTION:** The connector 1 for a dialyzer is constructed of a dialyzate supply hose 2 and a dialyzer plug connection part 3. In addition, the inner face of the dialyzer plug connection part 3 is formed of a smooth curve or a smooth straight line, partially with a tapered configuration. Further, this tapered part 3a is brought into contact tightly with the outer peripheral faces of an inlet pipe 11 and an outlet pipe 12, so that a dialyzate is sealed. Thus it is possible to ensure the positive sealing of the dialyzate despite the existence of a slight error in the configuration size of the inlet pipe 11 and the outlet pipe 12.



pipe 11 and the outlet pipe 12.  
Besides, the connector 1  
shows outstanding tight  
sealing properties with the  
inlet pipe 11 and the outlet  
pipe 12, and the dialyzate is  
prevented from being retained  
in the dialyzer.

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